

**Amendments to the Claims:**

1. (Currently amended) A chimeric construct composition useful for treatment of microbial organisms, said construct comprising a fusion protein wherein a targeting moiety that specifically recognizes a target microbial organism is attached to and an anti-microbial peptide, and where said construct is specifically targeted to, and moiety, wherein the targeting moiety is coupled to the anti-microbial peptide moiety and recognizes a target microbial organism and wherein the composition has an anti-microbial effect on the target microbial organism.

2-20. (Withdrawn).

21. (Currently amended) The chimeric construct composition of claim 1, wherein the anti-microbial peptide moiety comprises Novispirin G10.

22. (Currently amended) The chimeric construct composition of claim 1, wherein the anti-microbial peptide moiety comprises a peptide comprising an amino acid sequence of SEQ ID NO. 17.

23. (Currently amended) The chimeric construct composition of claim 1, wherein the target microbial organism is selected from the group consisting of bacteria, rickettsia, fungi, yeasts, protozoa, and parasites.

24. (Currently amended) The chimeric construct composition of claim 1, wherein the target microbial organism is a cariogenic organism.

25-26. (Withdrawn).

27. (Currently amended) The chimeric construct composition of claim 1, wherein the target microbial organism is selected from the group consisting of Escherichia coli,

Amdt. dated March 4, 2009

Amendment under 37 CFR 1.116 Expedited Procedure

Examining Group 1645

Shigella dysenteriae, Salmonella typhimurium, Streptococcus pneumoniae, Staphylococcus aureus, and Pseudomonas aeruginosa.

28. (Withdrawn).

29. (Currently amended) The chimeric construct composition of claim 1, wherein the target microbial organism is selected from the group consisting of Escherichia coli, Shigella dysenteriae, Salmonella typhimurium, Streptococcus pneumoniae, Staphylococcus aureus, Pseudomonas aeruginosa, Candida albicans, Cryptococcus neoformans, Candida krusei, and Helicobacter pylori.

30-34. (Withdrawn).

35-48. (Canceled).